



COMMONWEALTH OF VIRGINIA
Department of Mines, Minerals and Energy
Division of Mined Land Reclamation

Lewis Creek TSS Wasteload Report 2017-Q1

04-01-2016 to 03-31-2017

Watershed Information

Stressor:	TSS	Watershed Acres:	14,013
Wasteload Allocation:	1,562	Watershed Permits:	8
EPA TMDL Approval Date:	5/26/2004	Watershed Outfalls:	54

Watershed Wasteload and Reduction Summary¹

	Pre-TMDL Wasteloads ²	Post-TMDL Wasteloads ³	Total
Wasteload Allocation Available ⁴	1,562	871	1,562
Wasteload ⁵	691	9,168	9,859
Wasteload Balance	871	-8,297	-8,297
Wasteload Reduction Required ⁶	0	8,297	8,297
Percent Reduction Required ⁷	0.0 %	90.5 %	84.2 %

¹ Wasteload units are in kg/year unless otherwise noted.

² Pre-TMDL Wasteloads are calculated from outfalls existing before the EPA's approval of the TMDL.

³ Post-TMDL wasteloads are calculated from outfalls added after the EPA's approval of the TMDL.

⁴ The wasteload allocation available for pre-TMDL outfalls is the approved wasteload allocation for the watershed. The wasteload allocation available for post-TMDL outfalls is any remaining balance not used by pre-TMDL outfalls.

⁵ Wasteloads are calculated on a quarterly basis using reported monitoring data, which includes samples taken when an alternate effluent limitation (AEL) precipitation event is utilized.

⁶ In order to meet the wasteload allocation, all negative wasteload balance (i.e. the amount of wasteload exceeding the wasteload allocation) must be reduced.

⁷ The percent reduction required is used to assign wasteload reductions to permits when the watershed's wasteload exceeds the available wasteload allocation.

Permit Wasteload and Reduction Summary⁸

Permit Number	Pre-TMDL Wasteload ⁹	Pre-TMDL Reduction Required ¹⁰	Post-TMDL Wasteload ¹¹	Post-TMDL Reduction Required ¹²	Total Wasteload	Total Wasteload Reduction Required
1200614	304	0	0	0	304	0
1401496	387	0	0	0	387	0
1201497	0	0	0	0	0	0
1201919	0	0	241	218	241	218
1401963	0	0	8,476	7,670	8,476	7,670
1601982	0	0	236	214	236	214
1102084	0	0	215	195	215	195
1102128	0	0	0	0	0	0
Total	691	0	9,168	8,297	9,859	8,297

⁸ Wasteload units are in kg/year unless otherwise noted.

⁹ The wasteload calculated from outfalls existing before the EPA's approval of the TMDL.

¹⁰ Pre-TMDL reduction calculated by multiplying the pre-TMDL wasteload by the watershed's pre-TMDL percent reduction required.

¹¹ The wasteload

¹² Post-TMDL reduction calculated by multiplying the post-TMDL wasteload by the watershed's post-TMDL percent reduction required.